

IN THE CLAIMS

Please amend the claims to read as indicated herein.

1. (currently amended) An optoelectronic assembly comprising:
an optical emitter for emitting light along a main optical path, wherein the optical emitter is mounted on a first ~~substrate~~, substrate;
~~at least one~~ a mouldable, substantially rigid optical light guide have a first end for receiving a small proportion of the light from the main optical path and a second end, wherein the optical light guide includes a structural feature to facilitate interception of the light from the main optical path; and
~~at least one~~ a photodetector located adjacent the second end of the optical light guide for receiving light there from, ~~and wherein the at least one~~
photodetector is mounted on a second substrate.

2. (currently amended) An optoelectronic assembly according to claim 1, wherein ~~the optical emitter, the at least one photodetector and the at least one~~ the optical light guide ~~are~~ is mounted on ~~a~~ the first substrate ~~and the at least one photodetector is arranged at a periphery of the substrate.~~

3. (canceled)

4. (currently amended) An optoelectronic assembly according to claim 1, including a plurality of mouldable, substantially rigid optical guides, and a plurality of photodetectors, wherein the plurality of optical light guides each ~~having~~ has a second end located adjacent at a respective one of the photodetectors.

5. (currently amended) An optoelectronic assembly according to claim 4, wherein the plurality of photodetectors is mounted as an array ~~adjacent a periphery of the substrate or~~ on the second substrate.

6. (currently amended) An optoelectronic assembly according to claim 5, wherein the plurality of optical light guides is manufactured as a single assembly ~~for mounting to the substrate.~~

7. (currently amended) An optoelectronic assembly comprising:
an optical emitter for emitting light along a main optical path,
~~at least one~~ a mouldable, substantially rigid optical light guide have a first end for receiving a small proportion of the light from the main optical path and a second end, and
~~at least one~~ a photodetector located adjacent the second end of the optical light guide for receiving light there from, wherein the optical light ~~guide(s)~~ guide includes ~~at least one~~ a structural feature to facilitate interception of the light from the main optical path.

8. (currently amended) An optoelectronic assembly according to claim 1, further comprising ~~means~~ a beam splitter for splitting a small proportion of light from the main optical path into a secondary light path ~~and~~, wherein the first end of the optical light guide is positioned in the secondary light path.

9. (previously presented) An optoelectronic assembly according to claim 1, wherein the optical light guide is made from a stable, low absorption plastics material.

10. (currently amended) An optoelectronic assembly according to claim ~~1~~ 2, wherein the optical light ~~guide(s)~~ guide includes ~~one or more fiducials~~ a fiducial to facilitate alignment of the light ~~guides to a guide to the first~~ guide to the first substrate.

Please add the following claims, newly numbered as claims 11 – 17.

11. (new) An optoelectronic assembly according to claim 7, wherein the optical emitter, the photodetector and the optical light guide are mounted on a substrate, and the photodetector is arranged at a periphery of the substrate.

12. (new) An optoelectronic assembly according to claim 7, including a plurality of mouldable, substantially rigid optical guides, and a plurality of photodetectors, wherein the plurality of optical light guides each has a second end located adjacent at a respective one of the photodetectors.

13. (new) An optoelectronic assembly according to claim 12, wherein the plurality of photodetectors is mounted as an array adjacent a periphery of the substrate.

14. (new) An optoelectronic assembly according to claim 13, wherein the plurality of optical light guides is manufactured as a single assembly for mounting to the substrate.

15. (new) An optoelectronic assembly according to claim 7, further comprising a beam splitter for splitting a small proportion of light from the main optical path into a secondary light path, wherein the first end of the optical light guide is positioned in the secondary light path.

16. (new) An optoelectronic assembly according to claim 7, wherein the optical light guide is made from a stable, low absorption plastics material.

17. (new) An optoelectronic assembly according to claim 7, wherein the optical light guide includes a fiducial to facilitate alignment of the light guide to a substrate.